

MICROLEPIDOPTERA REVIEW OF 1998

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IF 1997 WAS considered a poor year for Microlepidoptera, 1998 was worse, with leaf-mining species being particularly scarce. This may partly be explained by the winter of 1997-98 having been another very mild one over the whole country, with record-breaking temperatures in Scotland in January and February and only the occasional brief cold spell. March started cold and frosty, but this was soon followed by unsettled and wet weather until the middle of the month, after which it was warm and dry. April was cold, wet and miserable, but May was the warmest for several years and quite the best month of the year. It was the fourth wettest June this century, and July was not a lot better, but became hotter with thundery conditions towards the end of the month. August started thundery, but was, on the whole rather a drier month with a brief hot spell just before the middle. September was warm and wet and October was dominated by gales and more rain which continued into November. Later that month colder conditions prevailed, but December became very mild after a cold beginning.

However, all was not doom and gloom, with two pyralid species added to the British list. Several specimens of *Vitula biviella* (Zeller) were taken in Kent by K. Redshaw in July, and a single specimen of *Herpetogramma licarsisalis* (Walker) by S.A. Knill-Jones on the Isle of Wight in October.

Olethreutes arbutella (Linnaeus), new to England, was found in Essex but was almost certainly a vagrant from continental Europe, there having been an easterly airstream at the time. New to Scotland were *Psychoides filicivora* (Meyrick) and *Ochsenheimeria taurella* ([Denis & Schifferrmüller]); and *Ypsolopha mucronella* (Scopoli) is new to the Irish list.

Knowledge of the life histories of several species has been discovered or expanded by R.J. Heckford – these are *Biselachista serricornis* (Stainton), *Denisia subaquilea* (Stainton), *Borkhausenia fuscescens* (Haworth), *Monochroa hornigi* (Staudinger), *Gelechia senticetella* (Staudinger) and *Bactra lancealana* (Hübner). *Caryocolum blandelloides* Karsholt was bred in some numbers by entomologists attending the annual weekend meeting of the Scottish entomologists, resulting in a publication on both its original discovery by R.J.B. Hoare and its life history.

A further colony of the scarce and local *Ancylis tineana* (Hübner) was found in Scotland, and species new to the British list in the last quarter of a century, such as *Phyllonorycter platani* (Staudinger), *P. leucographella* (Zeller), *Argyresthia trifasciata* Staudinger, *A. cupressella* Walsingham, *Bactra lacteana* (Caradja) and *Eucosma metzneriana* (Treitschke) have all been found in new areas.

Thanks are due to those who have contributed records, and, as usual, they are identified by their initials: D.J.L. Agassiz, H.E. Beaumont, K.P. Bland, K.G.M. Bond, M.R. Britton, M.F.V. Corley, A.M. Davis, B. Dickerson, A.M. Emmet, B. Goodey, D.G. Green, M.W. Harper, R.J. Heckford, R.I. Heppenstall, S.H. Hind,

J.R. Langmaid, D.V. Manning, D. O'Keeffe, M.S. Parsons, R.M. Palmer, S.M. Palmer, J.T. Radford, J. Robbins, A.N.B. Simpson, E.G. Smith, M.H. Smith, I.F. Smith, P.H. Sterling, I.R. Thirlwell and M.R. Young. SEM denotes the Scottish Entomologists' Meeting held over a weekend in June, the lepidopterists present being DJLA, KPB, MWH, JRL, RMP, ANBS and MRY.

Titles of journals are abbreviated as follows; *Ent. Gaz.* for the *Entomologist's Gazette*; *Ent. Rec.* for the *Entomologist's Record and Journal of Variation*; and *BJENH* for the *British Journal of Entomology and Natural History*.

The following systematic list is somewhat shorter than usual, partly due to the fact that it was generally a poor year, and partly because records of migrant species have only been included if they are new vice-county records. New vice-county records are, as in previous Reviews, in **bold** and underlined. The maps held by A.M. Emmet have been used to recognise these, and we are grateful to him for providing this information and for the time and trouble he has taken in doing so. As in the 1997 Review the nomenclature and order of species is according to the *Checklist of Lepidoptera recorded from the British Isles* (1998) by J.D. Bradley.

We would request that records for the 1999 Review are sent to John Langmaid as soon as possible, and we are hoping to be able to publish it towards the end of 2000. It is of enormous help if records are submitted in the same format in which the Review is published, as this considerably eases the task of collation.

SYSTEMATIC LIST

NEPTICULIDAE

- 40 *Bohemannia pulverosella* (Staint.) — Blackpool (**60**) vacated mine on *Malus* sp. 23.vii.1998 — SMP
- 42 *Ectoedemia septembrella* (Staint.) — Gait Barrows NNR (**60**) mine on *Hypericum* sp. 14.ix.1998 — SMP; Pitcaple (**93**) mines on *Hypericum* sp. 6.ix.1998 — MRY
- 43 *E. weaveri* (Staint.) — Achilty (**106**) mines on *Vaccinium vitis-idaea* 24.iv.1998 — MRY
- 46 *Trifurcula immundella* (Zell.) — Ordiquhill (**94**) viii.1998 — R. Leverton *per* MRY
- 53 *Stigmella splendidissima* (H. - S.) — Danes Moss (**58**) mines on *Rubus idaeus* 25.x.1998 — SHH
- 55 *S. aeneofasciella* (H. - S.) — Hirendean Castle (**83**) 18.vii.1998; Fealar Gorge (**89**) mines on *Fragaria vesca* 23.ix.1998, moth bred — KPB
- 58 *S. ulmariae* (Wocke) — Horn Wood (**32**) one vacated mine on *Filipendula ulmaria* 15.x.1998, det. DVM — G.E. Higgs *per* DVM
- 68 *S. salicis* (Staint.) — Newtonmore (96) mines on *Myrica gale* 8.ix.1998, moth bred — RJH
- 79 *S. perpygmaeella* (Doubl.) — Bin Forest (**93**) mines on *Crataegus* 19.ix.1997 — MRY; Montcoffer Wood (**94**) mines 28.ix.1997 — RMP & MRY
- 81 *S. hemargyrella* (Kollar) — Coed Bron Garth (**49**) mines on *Fagus* 7.vii.1998 — SHH
- 82 *S. paradoxa* (Frey) — Bryn Pydew (**49**) mines on *Crataegus* 7.vii.1998 — SHH
- 87 *S. svenssoni* (Johan.) — Shortheath Common (**12**) two tenanted mines on *Quercus robur* 20.viii.1998 — IRT & JRL
- 100 *S. oxyacanthella* (Staint.) — Montcoffer Wood (**94**) mines on *Crataegus* 28.ix.1997 — RMP & MRY

- 108 *S. crataegella* (Klim.) — Montcoffer Wood (**94**) mines on *Crataegus* 28.ix.1997 — RMP & MRY

INCURVARIIDAE

- 143a *Nematopogon magna* (Zell.) — Dulsie Wood (**96**) 18.v.1998, det. JRL — JTR
 146 *Nemophora cupriacella* (Hüb.) — Sidlesham (13) 60-70, all females, some ovipositing, on flower-heads of *Dipsacus fullonum* 7.vii.1998 — IRT & JRL; Tiddesley Wood (37) one on leaf of *Dipsacus fullonum* 19.vii.1998 — K. McGee *per* ANBS
 149 *Adela cuprella* ([D. & S.]) — Ashley Hill Forest (**22**) 29.iii.1998 — I. Sims, *Ent. Rec.* **110**: 287
 150 *A. reaumurella* (Linn.) — Abercamlo Bog (**43**) 21.v.1998 — AMD
 152 *A. rufimitrella* (Scop.) — Pant (**47**) 16.v.1998 — SHH
 153 *A. fibulella* ([D. & S.]) — Embo (**107**) 27.vi.1998 — SEM

PSYCHIDAE

- 175 *Narycia monilifera* (Geoff.) — Muchalls (**91**) cases 4.vi.1998 — MRY; Spinningdale (**107**) cases 21.ix.1998 — P. Entwistle *per* MRY
 179 *Dahlia lichenella* (Linn.) — Muchalls (**91**) cases 4.vi.1998 — MRY
 183 *Bacotia sepium* (Speyer) — Sharnbrook (**30**) larval case 24.iv.1998 — DVM

TINEIDAE

- 200 *Psychoides filicivora* (Meyr.) — Conkwell Wood quarry (**7**) moths bred from *Phyllitis scolopendrium* v -vi.1998 — EGS & MHS; South Kensington (**21**) larvae in garden of BMNH 22.iv.1998 — M.R. Honey & MSP; Edinburgh (**83**) larvae on *Phyllitis scolopendrium* and *Asplenium trichomanes* 15.viii.1998, moths bred — KPB, **New to Scotland**
 203 *Infurcitinea argentimaculella* (Staint.) — Spye Park (**7**) moths bred vi - vii.1998 — EGS & MHS
 231 *Monopis imella* (Hüb.) — Rye Harbour (**14**) 2.viii.1998, det. MSP — P. Troake *per* MSP
 233 *M. fenestratella* (Heyd.) — Ashstead Common (17) one 19.vi.1998 — MSP, *Ent. Gaz.* **50**: 116
 245 *Tinea pallescentella* Staint. — Wildhern (**12**) 1.iv.1998 — DGG
 247 *T. trinotella* Thunb. — Abercamlo Bog (**43**) 21.v.1998 — AMD

BUCCULATRICIDAE

- 266 *Bucculatrix nigricomella* (Zell.) — Pitcaple (**93**) 13.vii.1997 — MRY

GRACILLARIIDAE

- 284 *Caloptilia rufipennella* (Hüb.) — Dyserth (**51**) vacated mines and spinnings on *Acer pseudoplatanus* 4.vii.1998 — SHH & IFS
 285 *C. azaleella* (Brants) — Prestbury (**58**) 6.vi.1996 — D. J. Poynton *per* SHH
 290 *C. semifascia* (Haw.) — Ruthin (**50**) mines and spinnings on *Acer campestre* 11.vii.1998, moths bred — SHH & IFS
 294 *Aspilapteryx tringipennella* (Zell.) — Embo (**107**) 27.vi.1998 — SEM
 305 *Parornix scoticella* (Staint.) — Strathconan (**106**) 27.vi.1998 — SEM

- 315 *Phyllonorycter harrisella* (Linn.) — Gairloch (105) v.1998 — P. Entwistle per MRY
- 317 *P. heegeriella* (Zell.) — Askham Bar, York (64) 30.vii.1998 — MRB
- 321a *P. platani* (Staud.) — Southampton (11) mines on *Platanus* 7.xi.98 — P.A. Budd per JRL; Saffron Walden (19) mines on *Platanus* 9.xi.1998 — AME; Bedford (30) mines xi.1998 — DVM
- 332a *P. leucographella* (Zell.) — Bristol and Bath (6) mines on *Pyracantha* xii.1998 — RJH; North Bradley (8) moths bred from *Pyracantha* 23.iv.1998 — EGS & MHS; Southsea (11) many mines on *Pyracantha* 21.1.1998 — JRL; Basingstoke (12) mines 17.i.1998 — A.H. Dobson per JRL; Bristol (34) mines 14.xii.1998 — RJH; Stockport (58) mines 31.x.1998 — SHH; York (62) moths bred from several locations iii-iv.1998 — MRB
- 342 *P. coryli* (Nic.) — Glasha Crossroads (H14) mines 8.x.1998 — KGMB
- 343 *P. quinната* (Geoff.) — Sale (58) mines on *Carpinus* 27.ix.1998 — SHH
- 362 *P. acerifoliella* (Zell.) — Poulton (58) mines on *Acer campestre* 3.x.1998 — SHH
- 368 *Phyllocnistis unipunctella* (Steph.) — Prestatyn (51) mine on *Populus* sp. 8.vii.1998 — SHH; Flixton (59) 3.viii.1998 — K. McCabe per SHH; Helmsley (62) moth bred 29.viii.1998 — MRB

CHOREUTIDAE

- 386 *Tebenna micalis* (Mann) — Barnstaple (4) several larvae and one pupa 6.viii.1998 — RJH

YPONOMEUTIDAE

- 401 *Argyresthia laevigatella* (Heyd.) — Hamsterley Forest (66) vacated larval workings on *Larix* 23.vi.1998 — DJLA & JRL; Balblair Woods (107) vacated larval workings on *Larix* 27.vi.1998 — SEM
- 409a *A. trifasciata* Staud. — Farnborough (12) 20.v.1998 — R.W. Parfitt, *Ent. Rec.* 111: 44; Raynes Park (17) a few 20-23.v.1998 — MSP
- 409b *A. cupressella* Wals. — Holland Park, Kensington (21) 3.vi.1998 — T.H. Freed, *Ent. Gaz.* 50: 16
- 413 *A. sorbiella* (Treits.) — Denbies (17) 20.vi.1998 — MSP
- 416 *A. glaucinella* (Zell.) — Studham, and other sites (30) larval feedings iv.1998 — DVM; Highfield Spinney (31) 25.iv.1998 — BD; Yardley Chase (32) larva 23.iv.1998, moth bred — DVM
- 427 *Yponomeuta cagnagella* (Hübner) — Oldmeldrum (93) larvae on *Euonymus europaeus* vi.1997, moths bred — MRY
- 451 *Ypsolopha mucronella* (Scop.) — Kilcolman Wildfowl Range (H5) 8.ii.1998 — A.C. Johnson per KGMB, **New to Ireland**
- 458 *Y. alpella* ([D. & S.]) — Heald Green (58) 11.viii.1998 — B.T. Shaw per SHH
- 462 *Y. sequella* (Clerck) — Leith (83) 16.ix.1997, second Scottish record — D. Robertson per KPB
- 469 *Eidophasia messingiella* (F. v. R.) — Flixton (59) 23.vi.1997 — K. McCabe per SHH
- 473 *Acrolepiopsis assectella* (Zell.) — Raynes Park (17) 7.viii.1998 — MSP

OCHSENHEIMERIIDAE

- 251 *Ochsenheimeria taurella* ([D. & S.]) — Flanders Moss (87) 1.viii.1998 — KPB, **First confirmed Scottish record**

LYONETIIDAE

- 264 *Bedellia sommulentella* (Zell.) — Stockport (**57**) larval feeding signs on *Calystegia* 29.viii.1998 — IFS; New Brighton (**58**) larvae and pupae on *Calystegia* 21.viii.1998, moths bred — IFS & D.J. Poynton; Flixton (**59**) mines 9.ix.1998 — K. McCabe *per* SHH; Ballynalahessery (**H6**) larvae 8.viii.1998; Ardamine (**H12**) pupa 12.viii.1998 — KGMB

COLEOPHORIDAE

- 487 *Metriotes lutarea* (Haw.) — Fleet Pond (**12**) 22.iv.1998 — DGG
- 510 *Coleophora juncicolella* Staint. — Skipwith Common (**61**) cases swept from *Calluna* 2.v.1998 — HEB; Wooler (**68**) 27.vi.1998, det. JRL — JTR
- 517 *C. frischella* (Linn.) — Ladywell (**8**) 19.viii.1998 — EGS & MHS
- 518 *C. mayrella* (Hübner) — Littleferry Links (**107**) 27.vi.1998 — SEM
- 524 *C. lithargyrinella* Zell. — Minterne Seat Coppice (**9**) one case on *Stellaria holostea* 6.iv.1998 — PHS
- 556 *C. trochillella* Dup. — Kincaig Point (**85**) cases on *Achillea millefolium* 28.iii.1998, moths bred — KPB
- 561 *C. therinella* Tengst. — Westmancote (37) thirty cases on *Fallopia convolvulus* 8.ix.1998 — ANBS
- 565 *C. saxicolella* Dup. — Findhorn Bay (**95**) 17.vii.1998; Nairn (**96**) 11.vii.1998, both genitalia det. JRL — JTR
- 573 *C. atriplicis* Meyr. — Church Norton (**13**) one at m.v., genitalia checked, 3.vii.1998 — IRT & JRL
- 577 *C. artemisicolella* Bruand — Camber (**14**) a few cases on *Artemisia vulgaris* 10.ix.1998 — MSP
- 582 *C. glaucicolella* Wood — Nairn (**96**) 11.vii.1998, genitalia det. JRL — JTR
- 586 *C. adjunctella* Hodgk. — Nairn (**96**) 11.vii.1998, genitalia det. JRL — JTR

ELACHISTIDAE

- 590 *Perittia obscurepunctella* (Staint.) — Picket Wood (**8**) 25.iv & 5.v.1998 — EGS & MHS
- 610 *Elachista argentella* (Clerck) — Embo (**107**) 27.vi.1998 — SEM
- 611 *E. triatomea* (Haw.) — Nairn (**96**) 10.vii.1998 — JTR; Embo (**107**) 27.vi.1998 — SEM
- 613 *E. subocellea* (Steph.) — Rosemarkie (**106**) 28.vi.1998 — SEM
- 626 *Biselachista serricornis* (Staint.) — Trowlesworthy Warren (**3**) one larva mining cambium and another in stem of *Eriophorum angustifolium* 14 & 19.vi.1998 — RJH, *Ent. Gaz.* **50**: 69-70
- 628 *B. eleochariella* (Staint.) — Bagmere (**58**) 14.vii.1997, genitalia det RIH — SHH
- 632 *Cosmiotes consortella* (Staint.) — West Lavington Down (**8**) 12.viii.1998 — EGS & MHS

OECOPHORIDAE

- 634 *Schiffermuelleria grandis* (Desv.) — Canonteign Barton (3) larvae and pupae under bark of dead ivy 4.iv.1998, moths bred — RJH
- 635 *Denisia subaquilea* (Staint.) — Haytor (3) two cocoons amongst spun dead leaves of *Vaccinium myrtillus* 7 & 14.v.1998, moths bred — RJH; Nipstone Rock (**40**) 1.vi.1998 — SHH, IFS & D.J. Poynton

- 636 *D. similella* (Hüb.) — Ordiqhill (94) vi.1997 — R. Leverton per MRY
 637 *Crassa tinctella* (Hüb.) — Denbies (17) one 31.v.1998 — MSP
 640 *Batia lunaris* (Haw.) — Flixton (59) 9.viii.1998 — K. McCabe per SHH
 641 *B. lambdella* (Don.) — Nairn (96) 11.vii.1998 — JTR
 642 *B. unittella* (Hüb.) — Chester (58) 27.viii.1998 — T. Edmondson per SHH
 644 *Borkhausenia fuscescens* (Haw.) — Webbington (6) larvae amongst dead leaves of *Chamaecyparis* sp. 28.ix.1998, larva previously undescribed — RJH, *Ent. Gaz.* in preparation
 660 *Pseudatemelia josephinae* (Toll) — Studham (30) 24.vii.1998 — C.R. Baker per DVM
 676 *Depressaria pulcherrimella* Staint. — Gilfach Farm NR (43) 2.viii.1998 — AMD
 677 *D. douglasella* Staint. — Letcombe Regis (22) 15.viii.1998, genitalia det. MFVC — P.D. Kyle per MFVC
 678 *D. sordidatella* Tengst. — Gilfach Farm NR (43) 2.viii.1998, genitalia det. JRL — AMD
 690 *Agonopterix cnicella* (Treits.) — Hilbre Island (58) 31.viii.1997 — G. Broad per SHH
 698 *A. kaekeritziana* (Linn.) — Ordiqhill (94) viii.1998 — R. Leverton per MRY
 702 *A. assimilella* (Treits.) — Harlestone Heath NR (32) larvae 20.v.1998 — DVM
 708 *A. carduella* (Hüb.) — Dyserth (51) larva on *Centaurea nigra* 3.vii.1998, moth bred — IFS; Rosemarkie (106) larvae on *Cirsium vulgare* 28.vi.1998, moths bred — SEM
 714 *A. yeatiana* (Fabr.) — Bunmow, Ennis (H9) 2.viii.1998 — KGMB
 716 *A. rotundella* (Dougl.) — Freshwater (10) 16.iii.1998 — SAK-J

GELECHIIDAE

- 727a *Metzneria aprilella* (H.-S.) — Westmancote (37) larvae in seedheads of *Centaurea scabiosa* collected xi.1997, moths emerged 2.vii.1998 — ANBS
 729 *Isophrictis striatella* ([D. & S.]) — Cold Oak Copse (32) 31.viii.1998 — DVM
 730 *Apodia bifractella* (Dup.) — Cockayne Hatley (30) two in RIS trap 13-19.viii.1997 — DVM; Rixton Clay Pits (59) 19.viii.1998 — SHH & K. McCabe
 732 *Eulamprotes unicolorella* (Dup.) — Wooler (68) 27.vi.1998 — JTR
 728 *Monochroa cytisella* (Curt.) — Cooper's Hill (30) 26.vii.1992 — DVM
 735 *M. tenebrella* (Hüb.) — Strathconan (106) 27.vi.1998 — SEM
 740 *M. hornigi* (Staud.) — Elstead (17) larvae in dead stems of *Persicaria* sp. 15.xi.1997, moths bred — RJH & JRL, *Ent. Gaz.* 50: 57-58
 747 *Chrysoesthia sexguttella* (Thunb.) — Stalmine (60) 5.vi.1998 — SMP
 748 *Procheusia paupella* (Zell.) — Rosslare Harbour (H12) larva 10.viii.1998 — KGMB
 780 *Bryotropha similis* (Staint.) — Embo (107) 27.vi.1998 — SEM
 781 *B. mundella* (Dougl.) — Findhorn (95) 26.vi.1998 — SEM; Nairn (96) 10.vii.1998 — JTR
 786 *B. desertella* (Dougl.) — Findhorn (95) 26.vi.1998 — SEM
 787 *B. terrella* ([D. & S]) — Embo (107) 27.vi.1998 — SEM
 788 *B. politella* (Staint.) — Embo (107) 27.vi.1998 — SEM
 760 *Exoteleia dodecella* (Linn.) — Kyloe Wood (68) 3.vii.1998 — JTR
 769 *Teleiodes wagaе* (Nowicki) — Ashstead Common (17) 14.v.1998 — MSP
 771 *T. alburnella* (Zell.) — Underlaid Wood (69) 10.viii.1998 — SMP
 772 *T. fugitivella* (Zell.) — Lightfoot Green (60) 20.vi.1998 — SMP
 776 *Teleiopsis diffinis* (Haw.) — Luffness Links (82) 16.vii.1998 — KPB; Littleferry (107) 27.vi.1998 — SEM

- 801a *Gelechia senticetella* (Staud.) — Crayford and Dartford (16) larvae on *Chamaecyparis lawsoniana* 21.iii.1998, moths bred — RJH & JRL; Canvey Island (18) larvae on *Chamaecyparis lawsoniana* 29.xi.1997 & 4.iii.1998, moths bred — RJH, *Ent. Gaz.* in preparation
- 802a *G. sororcullella* (Hübner) — New Mills (47) 3.vi.1998, larvae on *Salix caprea*, moths bred — IFS
- 803 *G. muscosella* Zell. — Blacktoft (63) 5.vii.1998, genitalia det. HEB — A.S. Ezard *per* HEB
- 813 *Scrobipalpa salinella* (Zell.) — Nairn (96) 11.vii.1998, det. JRL — JTR
- 829 *Caryocolum marmoreum* (Haw.) — Findhorn (95) 26.vi.1998 — SEM
- 832a *C. blandelloides* Karsholt — Embo (107), Littleferry (107) 27.vi.1998, Rosemarkie (106) 28.vi.1998 many larvae in seedheads of *Cerastium fontanum*, moths bred — SEM, account of its original discovery in 1994, and life history — *Ent. Gaz.* 50: 149-154
- 797 *Neofaculta ericetella* (Geyer) — Dunnet Head (109) 25.v.1998 — JTR
- 856 *Anarsia spartiella* (Schrank) — Pennerley (40) larvae on *Ulex* 5.vi.1998, moths bred — IFS & D.J. Poynton
- 866 *Brachmia blandella* (Fabr.) — Flixton (59) 8.vii.1997 — K. McCabe *per* SHH

AUTOSTICHIDAE

- 870 *Oegoconia quadripuncta* (Haw.) — Luton (30) 8.viii.1998, det. DVM — R. Wilson *per* DVM

BLASTOBASIDAE

- 874 *Blastobasis decolorella* (Woll.) — Findhorn Bay (95) 8.vii.1998 — JTR; Fairy Glen, Black Isle (106) 26.vi.1998 — SEM

BATRACHEDRIDAE

- 879 *Batrachedra pinicolella* (Zell.) — Hartlebury Common (37) 29.vi.1998 — ANBS

MOMPHIDAE

- 881 *Mompha terminella* (H. & W.) — Chittoe (7) melanic form 9.vi.1998, first VC 7 record since 1880 — EGS & MHS
- 891 *M. sturnipennella* (Treits.) — Bouldnor Forest (10) larva on *Chamerion* 26.viii.1998, emerged 11.ix.1998 — D.T. Biggs *per* JRL

COSMOPTERIGIDAE

- 899 *Pancalia leuwenhoekella* (Linn.) — Portsdown (11) several fresh specimens swept from *Viola hirta* 14.vii.1998, very late date ? indicating second brood — IRT & JRL; Gait Barrows NNR (60) 15.v.1998 — SMP
- 906 *Blastodacna aira* (Haw.) — Cockayne Hatley (30) one in RIS trap viii.1998 — DVM; Fineshade (32) one in RIS trap 26-31.viii.1993 — DVM

SCYTHRIDIDAE

- 915 *Scythris picaepennis* (Haw.) — Denbies Hillside (17) 20.vi.1998 — MSP; Gait Barrows NNR (60) 16.vii.1998, genitalia det. — SMP; Cademuir Hill (78) larvae on *Lotus corniculatus* 24.v.1998, moths bred — KPB; Littleferry (107) 27.vi.1998 — SEM
- 917 *S. empetrella* K. & N. — Findhorn (95) several 26.vi.1998 — SEM

TORTRICIDAE

- 946 *Aethes rubigana* (Treits.) — Gortdrum (**H10**) 24.vii.1998 — KGMB
- 947 *A. smeathmanniana* (Fabr.) — Nairn (**96**) 10.vii.1998 — JTR
- 951 *A. beatricella* (Wals.) — Askham Bar, York (**64**) moth bred 10.vi.1998 — MRB
- 974 *Argyrotaenia ljunghiana* (Thunb.) — Ramsey (**31**) 8.viii.1998 — D. Evans *per* BD
- 976 *Archips oporana* (Linn.) — Hurn (11) 21.vii.1998, first vc record for over 100 years — M. Jeffes *per* PHS
- 985 *Cacoecimorpha pronubana* (Hüb.) — Heworth, York (**62**) 24.ix.1998 — MRB; Rossington (**63**) 17.viii.1998 — RIH
- 991 *Clepsis senecionana* (Hüb.) — Pant (**47**) 16.v.1998 — SHH
- 994 *C. consimilana* (Hüb.) — Nairn (**96**) 10.vii.1998 — JTR
- 998 *Epiphyas postvittana* (Walk.) — Rossington (**63**) 28.viii.1998 — RIH
- 999 *Adoxophyes orana* (F. v. R.) — Icklesham (14) 28.viii.1998 — I. Hunter *per* MSP
- 1025 *Tortricodes alternella* ([D. & S.]) — Kilcolman Wildfowl Refuge (**H5**) 18.ii.1998 — A.C. Johnson *per* KGMB
- 1027 *Neosphaloptera nubilana* (Hüb.) — Clayton Green (**59**) 11.vii.1998, genitalia det. — SMP
- 1041 *Acleris sparsana* ([D. & S.]) — Rosemarkie (**106**) larvae on *Acer pseudoplatanus* 28.vi.1998 — SEM
- 1042 *A. rhombana* ([D. & S.]) — Strathconan (**106**) 27.vi.1998, larvae — SEM
- 1044 *A. ferrugana* ([D. & S.]) — Gight (**93**) 11.x.1998 — MRY
- 1059 *A. abietana* (Hüb.) — Bridge of Avon (**94**) pupae on *Abies procera* 11.ix.1998, moths bred — RJH
- 1069 *Celypha aurofasciana* (Haw.) — Hembury Woods (3) 24.vii – 14.viii.1998 — B.P. Henwood & RJH
- 1071 *Olethreutes arbutella* (Linn.) — Dovercourt (**19**) 7.viii.1997, det. K.R. Tuck — C. Gibson *per* BG, **New to England**
- 1079 *Piniphila bifasciana* (Haw.) — Gilfach Farm NR (**43**) 2.viii.1998 — AMD
- 1082 *Hedya pruniana* (Hüb.) — Rosemarkie (**106**) 28.vi.1998 — SEM
- 1101 *Endothenia ustulana* (Haw.) — Sharnbrook (**30**) 11.vii.1998 — DVM
- 1107 *Lobesia botrana* ([D. & S.]) — Plymouth (**3**) larva in plum from supermarket 6.viii.1998, moth bred — RJH
- 1110 *Bactra furfurana* (Haw.) — Embo (**107**) 27.vi.1998 — SEM
- 1111 *B. lancealana* (Hüb.) — Trowlesworthy Farm (3) larvae in stems of *Eriophorum angustifolium* 3-19.vi.1998, moths bred, foodplant not previously recorded in Britain — RJH
- 1111a *B. lacteana* (Caradja) — Plaitford (**8**) a few at m.v. 31.vii.1998 — SMP & JRL; many disturbed from amongst *Carex* spp. 6.viii.1998 — IRT & JRL
- 1118 *Ancylis uncella* ([D. & S.]) — Holcroft Moss (**59**) 5.vii.1998 — SHH & K. McCabe
- 1124 *A. tineana* (Hüb.) — Tulloch (**96**) larvae on *Betula* 9.ix.1998 — RJH & MRY, *Ent. Gaz.* in preparation
- 1128 *A. myrtilana* (Treits.) — Shelve (**40**) 31.v.1998 — SHH, IFS & D.J. Poynton
- 1136 *Epinotia immundana* (F. v. R.) — Ordiquhill (**94**) 9.vi.1997 — R. Leverton *per* MRY
- 1144 *E. signatana* (Dougl.) — Llanddulas (**50**) 9.vii.1998 — SHH
- 1147 *E. cruciana* (Linn.) — Ordiquhill (**94**) vii.1998 — R. Leverton *per* MRY
- 1151 *E. trigonella* (Linn.) — Oldmeldrum (**93**) 8.ix.1998 — MRY
- 1174 *Epiblema cynosbatella* (Linn.) — Embo (**107**) 27.vi.1998 — SEM

- 1180 *E. tetragonana* (Steph.) — Findhorn Bay (**95**) 8.vii.1998 — JTR; Rosemarkie (**106**) 28.vi.1998 — SEM
- 1182 *E. turbidana* (Treits.) — Fulford Ings (**61**) 10.vii.1998 — MRB
- 1196 *Eucosma metzneriana* (Treits.) — Wilmington (**16**) 6 & 12.vi.1998, probable breeding colony — D.O'K
- 1205 *Spilonota ocellana* ([D. & S.]) — Ordiquhill (**94**) viii.1997 — R. Leverton *per* MRY
- 1250 *Cydia lathyрана* (Hübн.) — Lingfield (17) v.1998 — J.H. Clarke *per* RMP
- 1251 *C. jungiella* (Clerck) — Ordiquhill (**94**) v.1998 — R. Leverton *per* MRY; Spiddal (**H16**) 17.v.1998 — KGMB
- 1252 *C. lunulana* ([D. & S.]) — Knightsford Bridge (**37**) three 24.v.1998 — ANBS
- 1254 *C. strobilella* (Linn.) — Acharn (**90**) larvae in cones of *Picea abies* 26.iv.1998, moths bred — KPB
- 1266a *C. illutana* (H. – S.) — Coggeshall (**19**) 31.v.1997 — BG

EPERMENIIDAE

- 480 *Epermenia profugella* (Staint.) — Askham Bar, York (**64**) moth bred 11.vi.1998 — MRB
- 483 *E. chaerophyllella* (Goeze) — Flixton (**59**) larvae on *Heracleum* 18.viii.1998 — K. McCabe *per* SHH

SCHRECKENSTEINIIDAE

- 485 *Schreckensteinia festaliella* (Hübн.) — Millgrange (**H31**) 14.viii.1998 — KGMB

ALUCITIDAE

- 1288 *Alucita hexadactyla* Linn. — West Kingston (**13**) 1998 — S. Patton *per* AMD

PYRALIDAE

- 1289 *Euchromius ocella* (Haw.) — Bangor (**49**) 10.i. & 24.ii.1998 — D. Brown, *Ent. Gaz.* **49**: 142, 198; Lightfoot Green (**60**) two 14.ii.1998 — SMP; Kilcolman Wildfowl Refuge (**H5**) 18.ii.1998 — A.C. Johnson *per* KGMB
- 1301 *Crambus lathoniellus* (Zinck.) — John o' Groats (**109**) 24.vii.1998 — JTR
- 1305 *Agriphila tristella* ([D. & S.]) — Gilfach Farm NR (**43**) 2.viii.1998 — AMD
- 1325 *Platytes alpinella* (Hübн.) — Bucksburn (**92**) 28.vii.1998 — RMP
- 1338 *Dipleurina lacustrata* (Panz.) — Cloonyross (**H10**) 24.vii.1998 — KGMB
- 1336 *Eudonia pallida* (Curt.) — Ardersier (**96**) 13.vii.1998 — JTR
- 1339 *E. murana* (Curt.) — Craig Mellon (**90**) larvae under *Racomitrium* moss 25.iv.1998, moths bred — KPB
- 1341 *E. lineola* (Curt.) — South Walney NR (**69**) 7.vii.1998 — several recorders *per* AMD
- 1345 *Elophila nymphaeata* (Linn.) — Gortdrum (**H10**) 24.vii.1998 — KGMB
- 1350 *Nymphula stagnata* (Don.) — Gortdrum (**H10**) 24.vii.1998; Blessington Bridge (**H20**) 11.viii.1998 — KGMB
- 1363 *Pyrausta ostrinalis* (Hübн.) — Inchroary (**94**) 20.vii.1997 — MRY
- 1367 *P. cingulata* (Linn.) — Pant (**47**) 16.v.1998 — SHH
- 1368 *Loxostege sticticalis* (Linn.) — Sutton Veny (**8**) 24.ix.1998 det. E.G. Smith — F.D. Lowe *per* AMD
- 1378 *Phlyctaenia coronata* (Hufn.) — Helvick Head (**H6**) 8.viii.1998; Mornane (**H8**) 5.viii.1998 — KGMB

- 1385 *Ebulea crocealis* (Hüb.) — Glenbeg Head (**H12**) 12.viii.1998 — KGMB
 1388 *Udea lutealis* (Hüb.) — Gilfach Farm NR (**43**) 2.viii.1998 — AMD
 1390 *U. prunalis* ([D. & S.]) — Gortdrum (**H10**) 24.vii.1998 — KGMB
 1405 *Pleuroptya ruralis* (Scop.) — Killenagh (**H12**) 12.viii.1998 — KGMB
 1405a *Herpetogramma licarsisalis* (Walk.) — Freshwater (**10**) one at m.v. 9.xi.1998, **New to Britain** — SAK-J, *Ent. Gaz.* **50**: 71-74
 1425 *Galleria mellonella* (Linn.) — Lightfoot Green (**60**) 20.ix.1998 — SMP; Spurn (**61**) 21 & 22. vii.1998 — B.R. Spence *per* HEB
 1433 *Cryptoblabes bistriga* (Haw.) — Gairloch (**105**) 26.ix.1997 — P. Entwistle *per* MRY
 1447a *Sciota adelphella* (F. v. R.) — Dovercourt (19) 11.viii.1998 — BG & C. Gibson
 1451 *Pyla fusca* (Haw.) — Beinn Eighe NNR (**105**) 15.vii.1998 — S. Bosanquet *per* AMD
 1452 *Phycita roborella* ([D. & S.]) — Gilfach Farm NR (**43**) 2.viii.1998 — AMD
 1454 *Dioryctria abietella* ([D. & S.]) — Oldmeldrum (**93**) 9.viii.1998 — MRY
 1461 *Assara terebellata* (Zinck.) — Ramsey (**31**) 8.viii.1998 — D. Evans *per* BD
 1462 *Pempeliella dilutella* ([D. & S.]) — Clydach Gorge (**42**) 28.vii.1998 — S. Bosanquet *per* AMD
 1465 *Nephoterix angustella* (Hüb.) — West Kingston (**13**) 1998 — S. Patton *per* AMD; Usk (**35**) 6.ix.1998, det. S. Bosanquet — A.E.D. Hickman *per* AMD
 1470 *Euzophera pinguis* (Haw.) — North Stainley (**65**) viii.1998 — J. Warwick *per* HEB
 1478b *Vitula biviella* (Zell.) — Lydd (**15**) 13.vii.1997, 5,17,25.vii.1998, **New to Britain** — K. Redshaw, *Ent. Gaz.* **50**: 77-82
 1481 *Homoeosoma sinuella* (Fabr.) — Lightfoot Green (**60**) 19.vi.1998 — SMP
 1483 *Phycitodes binaevella* (Hüb.) — Gilfach Farm NR (**43**) 2.viii.1998 — AMD
 1485 *P. maritima* (Tengst.) — Nairn (**96**) 11.vii.1998, det. JRL — JTR

PTEROPHORIDAE

- 1496 *Cnaemidophorus rhododactyla* ([D. & S.]) — Denbies & White Downs (**17**) larvae on *Rosa* 25.v.1998 — G.A. Collins & MSP
 1497 *Amblyptilia acanthadactyla* (Hüb.) — Curracloe (**H12**) 5.ix.1998, genitalia det. KGMB — C.J. Wilson *per* KGMB
 1507 *Stenoptilia zophodactylus* (Dup.) — Knightsford Bridge (**37**) many 1.ix.1998 — ANBS; Tulloch (**96**) 10.ix.1998 — RJH & MRY

Corrections to 1997 Review

- 142 *Nematopogon pilella* ([D. & S.]) — date should read 30.v.1997
 409a *Argyresthia trifasciata* Staud. — vice-county should be **58** and not 57
 665 *Dasystema salicella* (Hüb.) — the record from Badbury Rings (9) should be deleted, owing to misidentification
 960 *Falceuncaria ruficiliana* (Haw.) — the record should be deleted, owing to misidentification
 1343 *Eudonia delunella* (Staint.) — the record was not a new vice-county record
 1362 *Pyrausta purpuralis* (Linn.) — the record from VC 4 was not a new vice-county record